

## A B S T R A C T

## A METHOD OF PROTECTING A CRYPTOGRAPHIC ALGORITHM

5       The method of protecting an algorithm that can be  
decomposed into the form of initial polynomials ( $P_i$ ) of at  
least two variables and of degree not less than two,  
comprises the steps of making combined polynomials ( $Q_k$ )  
each obtained from at least two initial polynomials ( $P_i$ ,  
10  $P_{i+1}$ ), and of storing the combined polynomials ( $Q_k$ ) in the  
form of a configuration file in a memory (3) associated  
with a processor unit (4).

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Translation of the title and the abstract as they were when originally filed by the  
35 Applicant. No account has been taken of any changes that may have been made  
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38.2, and/or 48.3.